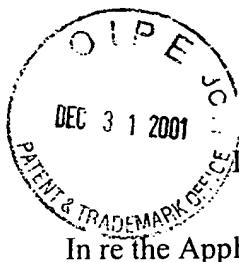


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:) Group Art Unit: 1631
Michael J. Heller et al.) Examiner: Marschel
Serial No.: 09/128,718)
Filed: August 3, 1998)
For: Methods and Apparatus for Electronic)
Synthesis of Molecular Structures)

#15
Plunkett
1/3/02

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

The accompanying Form PTO 1449 provides a listing of documents which may be relevant to the subject application. These references have been cited in parent and related applications. Therefore, Applicant will provide the Examiner with copies of these references upon request. It is requested that the Examiner fully consider the art cited in the accompanying Form PTO 1449, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the

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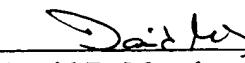
patentability of the claimed invention over any of the listed documents should they be applied there-
against as references.

Respectfully submitted,

LYON & LYON LLP

Dated: November 1, 2001

By:


David B. Murphy
Reg. No. 31,125

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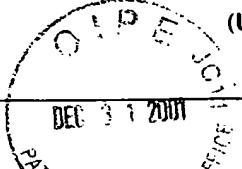
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	3,950,738	4/76	Hayashi et al.	365	185	7/74
AB	3,995,190	11/76	Salgo	313	391	12/75
AB1	4,225,410	9/80	Pace	204	195	12/78
AC	4,283,773	8/81	Daughton et al.	364	132	4/79
AD	4,563,419	1/86	Ranki et al.	435	6	12/83
AE	4,580,895	4/86	Patel	356	39	10/83
AF	4,584,075	4/86	Goldstein et al.	204	522	11/84
AG	4,594,135	6/86	Goldstein	204	551	2/85
AG1	4,661,451	4/87	Hansen	435	174	2/84
AH	4,751,177	6/88	Stabinsky	435	6	6/85
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AK	4,816,418	3/89	Mack et al.	436	518	7/85
AL	4,822,566	4/89	Newman	422	82	5/87
AM	4,828,979	5/89	Klevan et al.	435	6	11/84
AN	4,908,112	3/90	Pace	210	198	6/88
AO	5,063,081	11/91	Cozzette et al.	435	4	8/90
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AS	5,096,807	3/92	Leaback	435	6	12/89
AT	5,125,748	6/92	Bjornson et al.	356	414	5/91
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AZ	5,202,231	4/93	Drmanac et al.	435	6	6/91
BA	5,219,726	6/93	Evans	435	6	6/89
BB	5,227,265	7/93	DeBoer et al.	430	41	11/90

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Michael J. Heller et al.FILING DATE:
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	BC	5,234,566	8/93	Osman et al.	204	403	4/91
	BD	5,242,797	9/93	Hirschfeld	435	6	1/92
	BE	5,304,487	4/94	Wilding et al.	435	29	5/92
	BF	5,312,527	5/94	Mikkelsen et al.	205	777	10/92
	BG	5,433,819	7/95	McMeen	216	20	5/93
	BH	5,434,049	7/95	Okano et al.	435	6	2/93
	BI	5,436,129	7/95	Stapleton	435	6	10/93
	BJ	5,445,525	8/95	Broadbent et al.	439	64	5/94
	BK	5,464,517	11/95	Hjerten et al	204	183	1/95
	BL	5,468,646	11/95	Mattingly	436	501	1/95
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	BN	5,527,670	6/96	Stanley	435	6	8/94
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	BX	6,017,696	1/00	Heller et al.	435	6	7/94

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
BY	0228075	7/87	EP (Dattagupta et al.)				
BZ	2247889	3/92	GB (Stanley)				
CA	WO95/07363	3/95	PCT (Konrad)				
CB	WO90/01564	2/90	PCT (Adams et al.)				
CC	WO89/01159	2/89	PCT (Cornell et al.)				

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBC LASS	TRANSLATION YES	TRANSLATION NO
	CD	WO93/22678	11/93	PCT (Hollis)				
	CE	WO86/03782	7/86	PCT (Malcolm et al.)				
	CF	WO89/10977	11/89	PCT (Southern)				
	CG	WO88/08528	11/88	PCT (Stanbro et al.)				
	CH	WO92/04470	3/92	PCT (Stanley)				
	CI	WO98/51819	11/98	PCT (Heller et al.)				
	CJ	WO96/01836	1/96	PCT (Heller et al.)				
	CK	WO98/01758	1/98	PCT (Kovacs)				
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	CM	57087	87	Yugoslavia (Drmanac)				

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	CQ	Bains, "Setting a Sequence to Sequence a Sequence," <i>Bio/Technology</i> , 10:757-758 (1992)
	CR	Barinaga, "Will 'DNA Chip' Speed Genome Initiative?", <i>Science</i> , 253:1489 (1991)
	CS	Beattie et al., "Genosensor Technology," <u>The 1992 San Diego Conference: Genetic Recognition</u> , pp 1-5 (Nov, 1992)
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CY	Eggers et al. "Biochip Technology Development", BioChip Technology Development, Lincoln Laboratory Technical Report 901, Nov. 9, 1990
CZ	Fiacabrino et al., "Array of Individually Addressable Microelectrodes", <i>Sensors and Actuators B</i> , 18-19 (1994) 675-677
DA	Fodor et al., "Multiplexed Biochemical Assays With Biological Chips," <i>Nature</i> , 364:555-556 (1993)
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DF	Mathews, Kricka. "Analytical Strategies For The Use Of DNA Probes". <i>Analytical Biochemistry</i> , 169, 1988, 1-25
DG	Palecek. "New Trends in Electrochemical Analysis of Nucleic Acids". <i>Bioelectrochemistry and Bioenergetics</i> , 20, 1988, 179-194
DH	Ranki et al., "Sandwich Hybridization as a Convenient Method for the Detection of Nucleic Acids in Crude Samples," <i>Gene</i> , 21:77-85 (1983)
DI	Saiki, "Amplification of Genomic DNA," <i>PCR Protocols: A Guide to Methods and Applications</i> , (Academic Press, Inc. 1990), pp 13-20
DJ	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides Evaluation Using Experimental Models," <i>Genomics</i> , 13:1008-1017 (1992)
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	DL	Wallace et al., "Hybridization of Synthetic Oligodexribonucleotides to φ x 174 DNA: The Effect of Single Base Pair Mismatch," <i>Nucleic Acid Res.</i> , 6:3543-3557 (1979)
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